

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

- Claim 1. (canceled)
- Claim 2. (currently amended) A cocoa oil, extracted from cocoa hulls, which oil comprises free and bound phytosterols and tocopherols, wherein the free phytosterols comprise campesterol, β -sitosterol, stigmasterol, and cycloartenol, ~~and 24-methylene-cycloartenol~~ and wherein the tocopherols comprise tocopherols and tocotrienols, which oil is prepared by:
- (a) grinding cocoa hulls from dried cocoa beans;
 - (b) extracting the ground cocoa hulls with a solvent that dissolves the phytosterols and the tocopherols;
 - (c) removing the solvent; and
 - (d) recovering the cocoa oil.
- Claim 3-4. canceled
- Claim 5. (currently amended) The oil of Claim [[4,]] 2, wherein the free sterols are up to about 90% of the phytosterols present in the oil.
- Claim 6. (currently amended) The oil of Claim 5, wherein the bound phytosterols are the fatty acid ~~ester~~ esters or ferulate derivatives of the phytosterols.
- Claim 7. (canceled)
- Claim 8. (currently amended) The oil of Claim 2, wherein the cocoa hulls are from ~~miconized, non-roasted~~ non-roasted cocoa beans.
- Claim 9. (previously amended) The oil of Claim 2, wherein the cocoa hulls are from roasted cocoa beans.
- Claim 10. (previously amended) The oil of Claim 2, wherein the cocoa hulls are from Theobroma cacao.
- Claims 11-14. (canceled)
- Claim 15. (currently amended) A process for extracting a cocoa oil comprising free and bound phytosterols and tocopherols, wherein the free phytosterols comprise campesterol, β -sitosterol, stigmasterol, and cycloartenol and wherein the tocopherols comprise tocopherols and tocotrienols from ~~from~~ hulls, which process comprises the steps of:
- (a) grinding the cocoa hulls from dried cocoa beans;

(b) extracting the ground cocoa hulls with a solvent that dissolves the phytosterols and the tocols;

(c) removing the solvent; and

(d) recovering the cocoa oil.

Claim 16. (original) The process of Claim 15, wherein the solvent is selected from the group consisting of petroleum ether, hexane, pentane, and ethyl ether.

Claim 17. (original) The process of Claim 15, wherein the solvent is petroleum ether.

Claim 18. (original) The process of Claim 15, wherein the solvent is recovered by vacuum distillation.

Claim 19. (canceled)

Claim 20. (currently amended) The process of Claim 15, wherein the cocoa hulls are from [[dried,]] unfermented or fermented cocoa beans.

Claim 21. (currently amended) The process of Claim 15, wherein the cocoa hulls are from micronized[[,]] ~~unroasted~~ cocoa beans dried by micronizing.

Claim 22 (original) The process of Claim 15, wherein the cocoa hulls are from roasted cocoa beans.

Claim 23. (original) The process of Claim 15, wherein the cocoa hulls are from Theobroma cacao.

Claims 24-29. (canceled)

Claim 30 (new) The oil of Claim 2, wherein the cocoa beans are unfermented or fermented cocoa beans.

Claim 31 (new) The oil of Claim 2, wherein the cocoa beans are freeze dried.

Claim 32 (new) The process of Claim 15, wherein the cocoa beans are freeze dried.